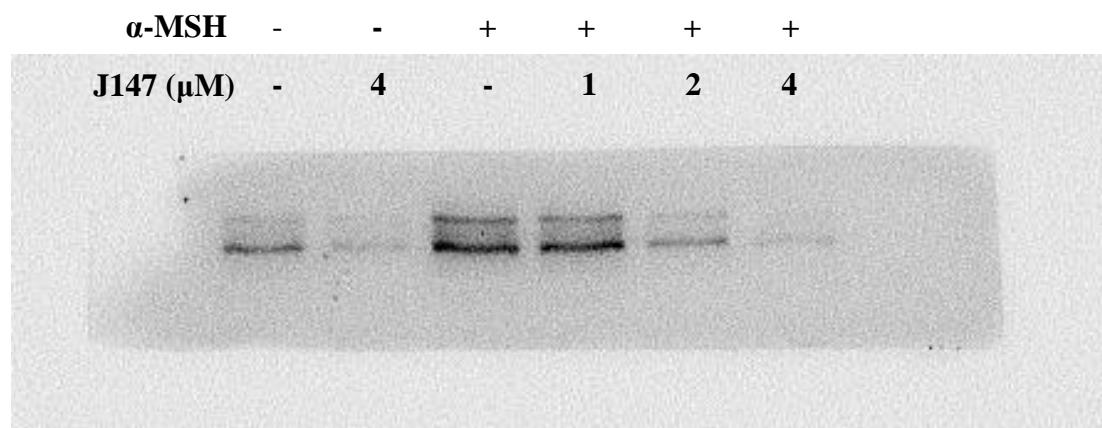
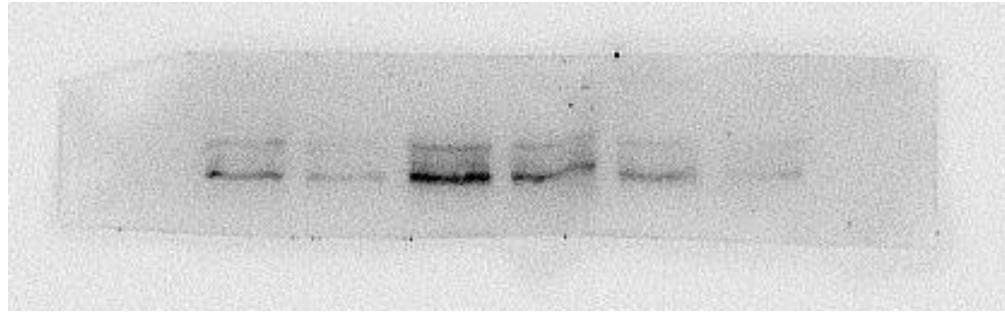


**Figure 2C Tyrosinase**

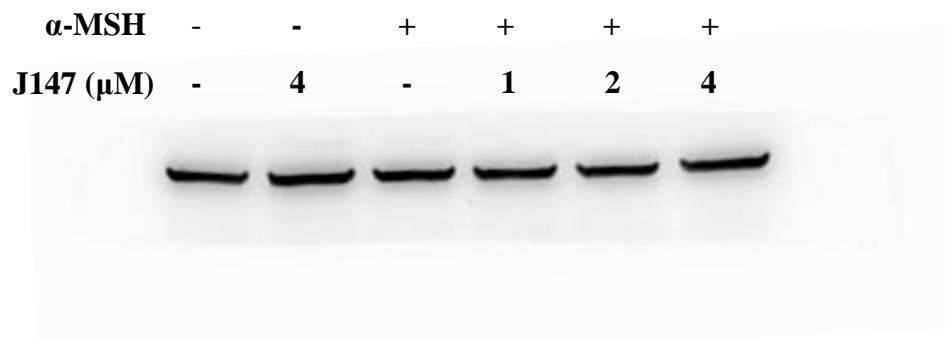


**Figure 2C TRP-1**

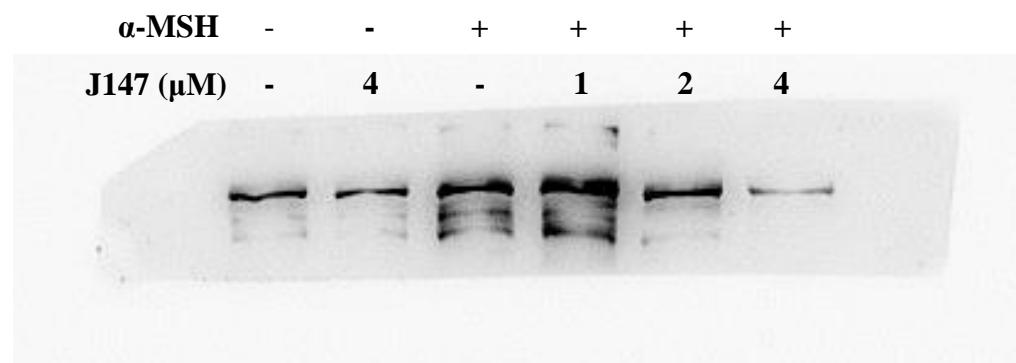
$\alpha$ -MSH	-	-	+	+	+	+
J147 ( $\mu$ M)	-	4	-	1	2	4



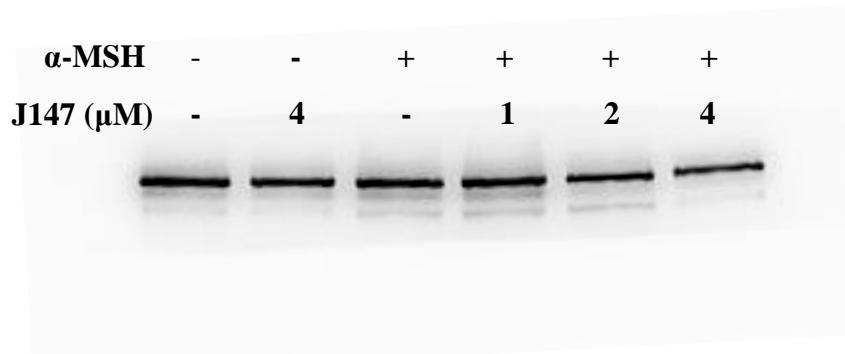
**Figure 2C TRP-2**



**Figure 2C  $\beta$ -actin**



**Figure 3B Myosin Va**



**Figure 3B KIF5b**

$\alpha$ -MSH	-	-	+	+	+	+
J147 ( $\mu$ M)	-	4	-	1	2	4

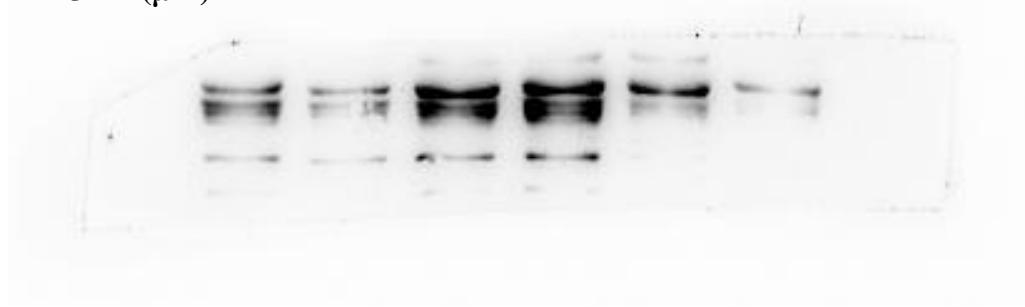
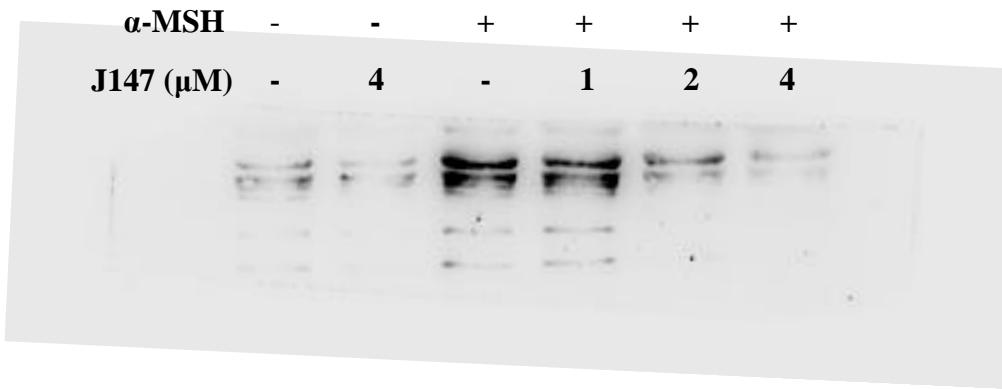
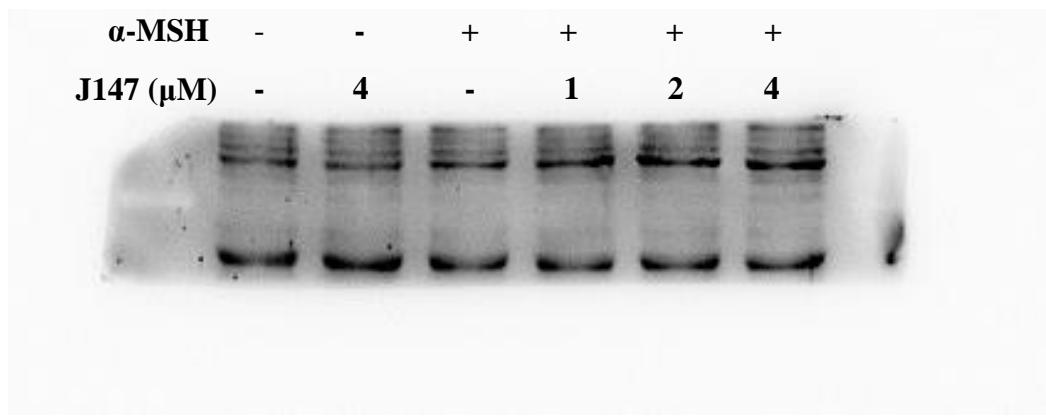


Figure 3B Rab27a



**Figure 3B Cdc42**



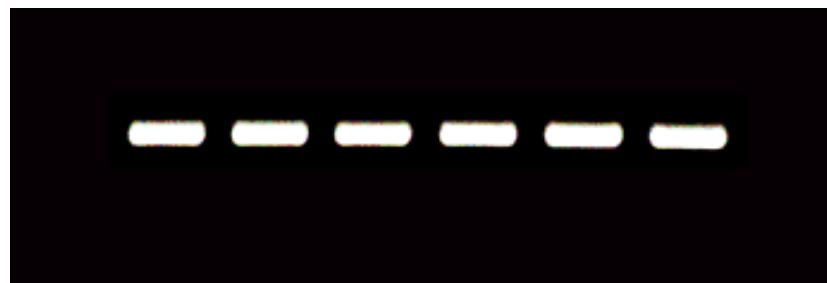
**Figure 3B  $\beta$ -actin**

<b>a</b> -MSH	-	-	+	+	+	+
J147 ( $\mu$ M)	-	4	-	1	2	4

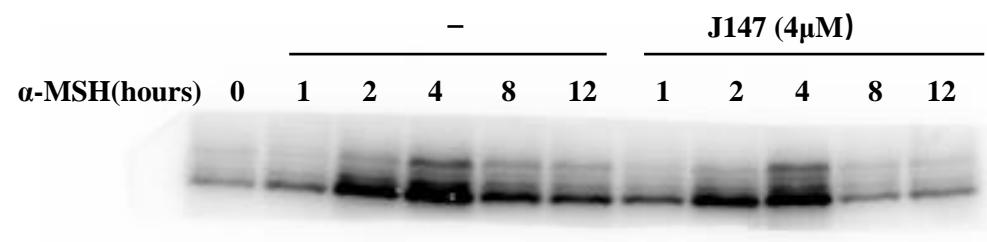


**Figure 4A MITF**

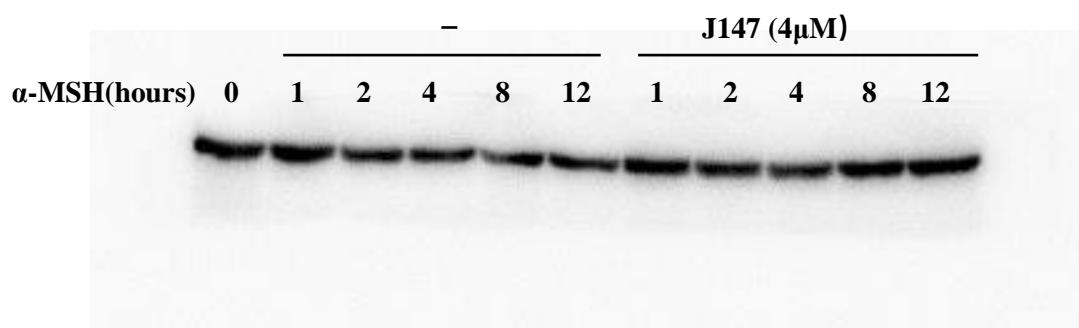
$\alpha$ -MSH	-	-	+	+	+	+
J147 ( $\mu$ M)	-	4	-	1	2	4



**Figure 4A GAPDH**



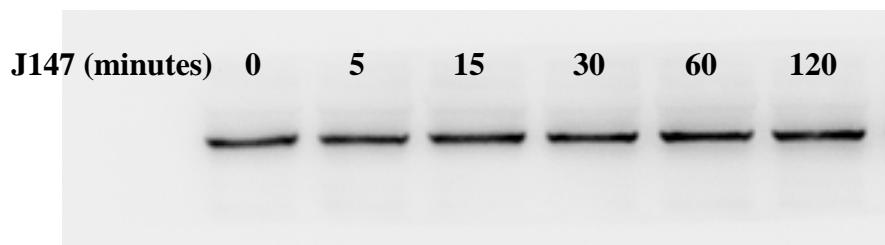
**Figure 4B MITF**



**Figure 4B**  $\beta$ -actin

J147 (minutes) 0 5 15 30 60 120

**Figure 5A p-MEK**



**Figure 5A MEK**

J147 (minutes) 0 5 15 30 60 120

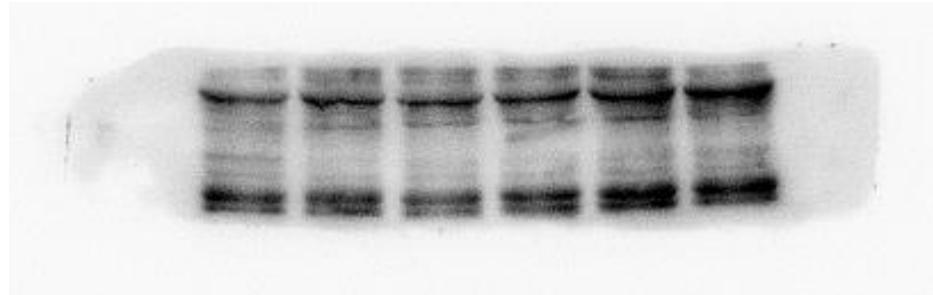
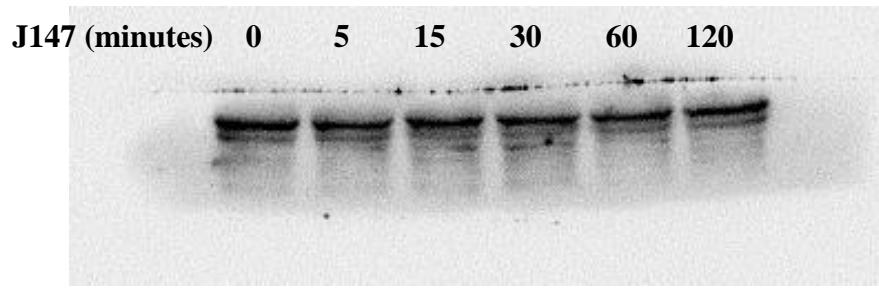


Figure 5A p-ERK



**Figure 5A ERK**

J147 (minutes) 0 5 15 30 60 120

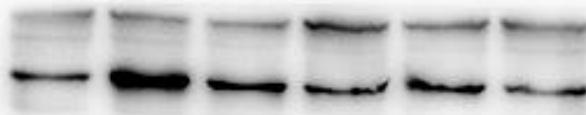


Figure 5A p-p38

J147 (minutes) 0 5 15 30 60 120

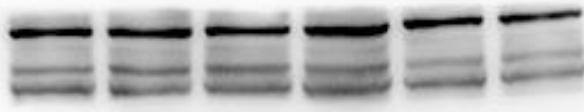
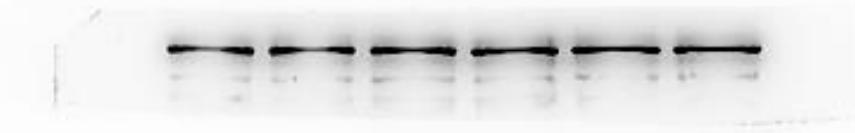
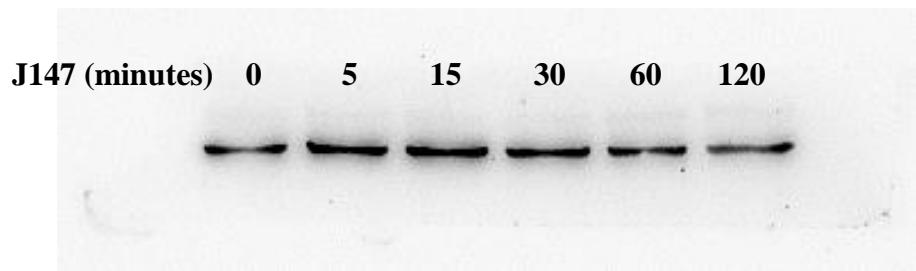


Figure 5A p38

**J147 (minutes)** 0 5 15 30 60 120



**Figure 5A p-JNK**



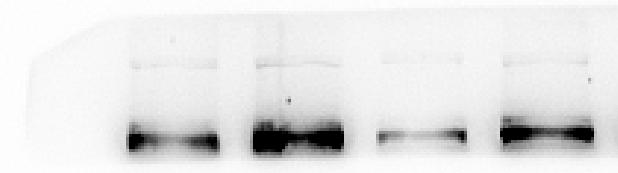
**Figure 5A JNK**

J147 (minutes) 0 5 15 30 60 120

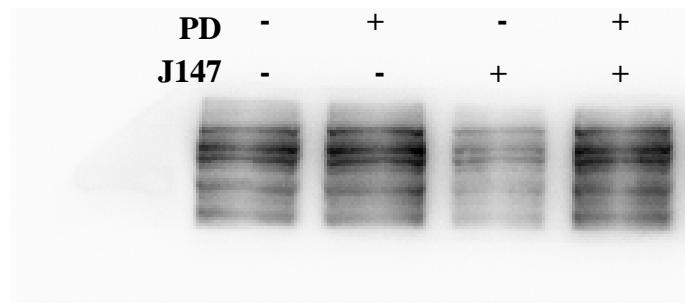


Figure 5A  $\beta$ -actin

PD	-	+	-	+
J147	-	-	+	+



**Figure 5B Myosin Va**

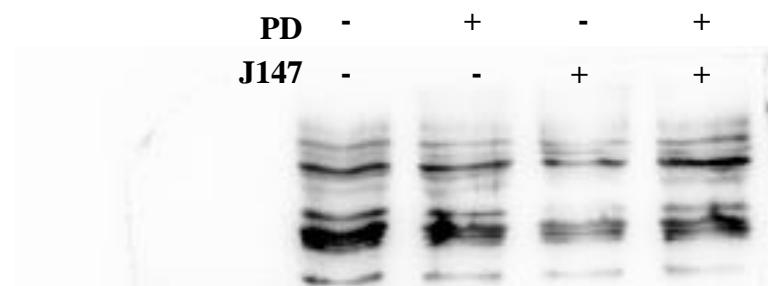


**Figure 5B Tyrosinase**

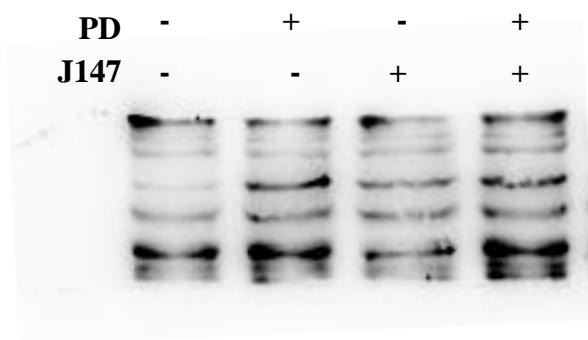
	-	+	-	+
PD	-	+	-	+
J147	-	-	+	+



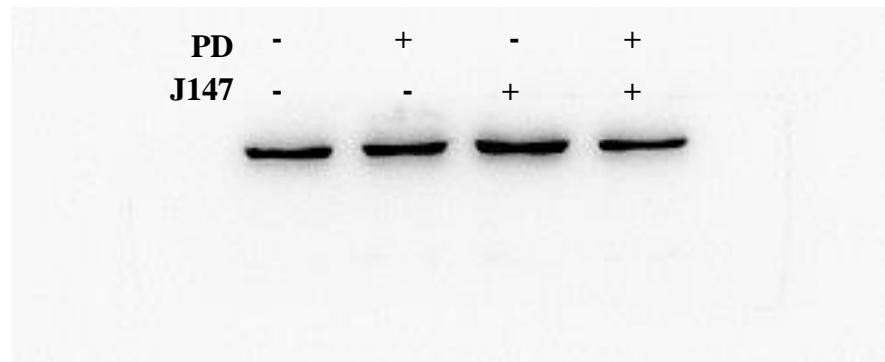
**Figure 5B MITF**



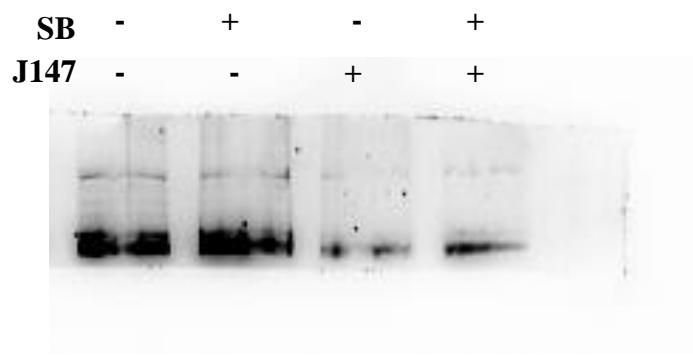
**Figure 5B Rab27a**



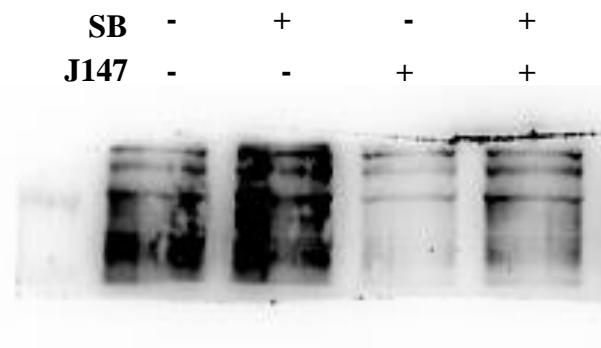
**Figure 5B Cdc42**



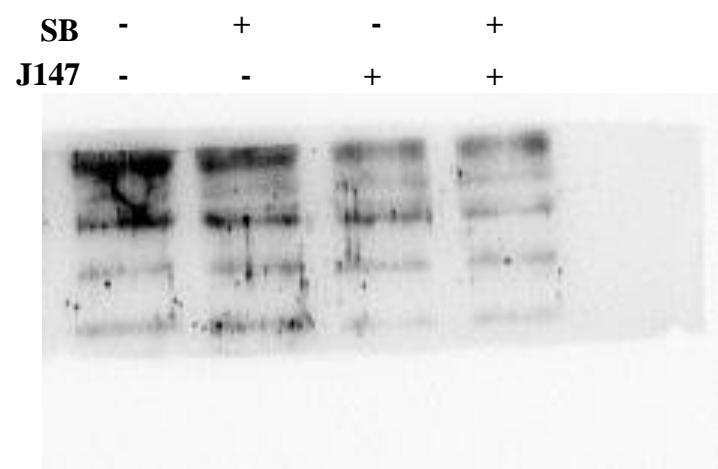
**Figure 5B**  $\beta$ -actin



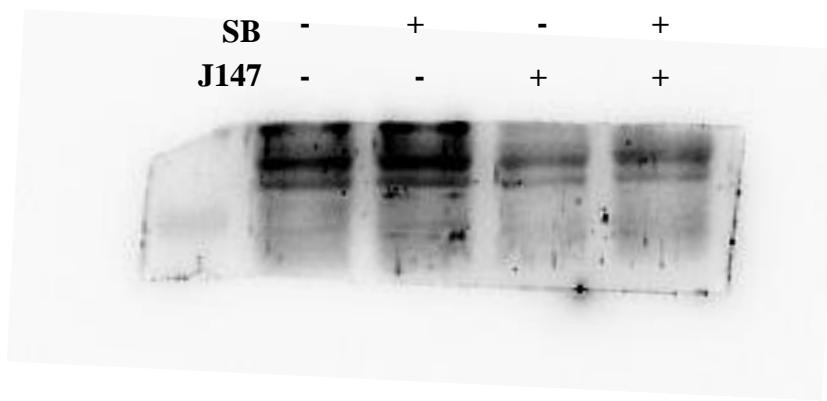
**Figure 5C Myosin Va**



**Figure 5C Tyrosinase**

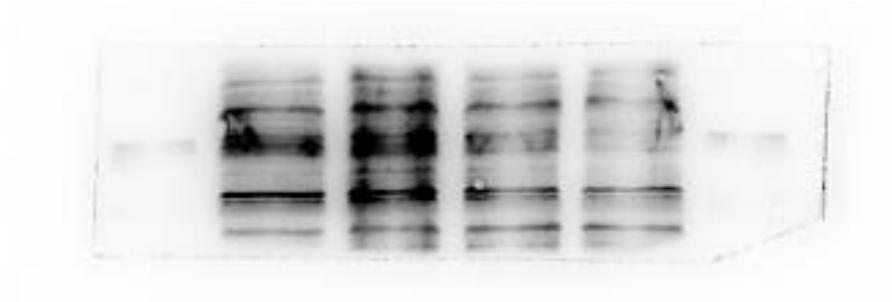


**Figure 5C MITF**

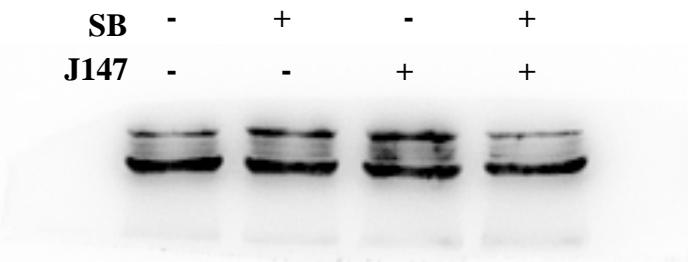


**Figure 5C Rab27a**

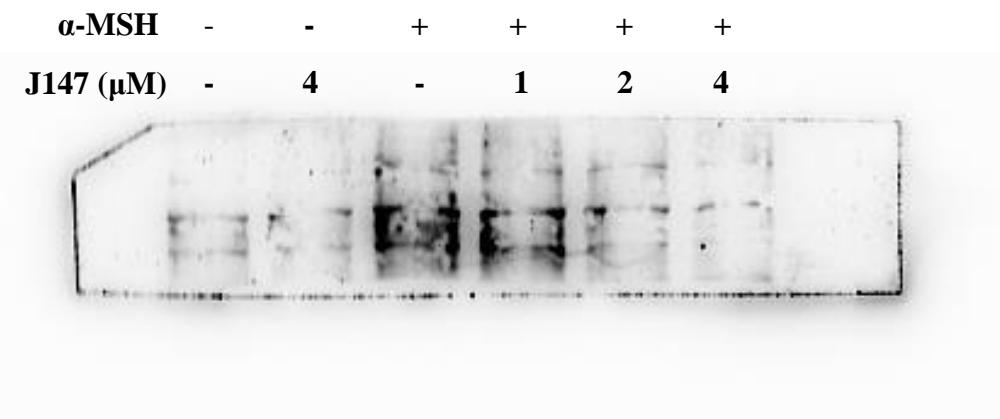
SB	-	+	-	+
J147	-	-	+	+



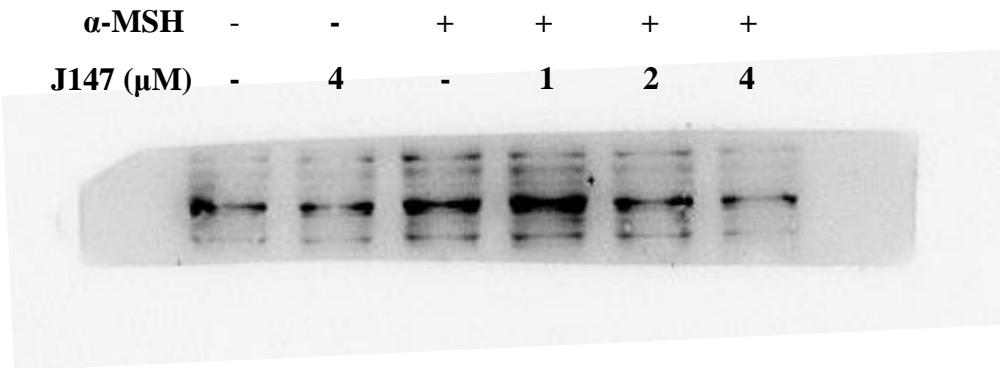
**Figure 5C Cdc42**



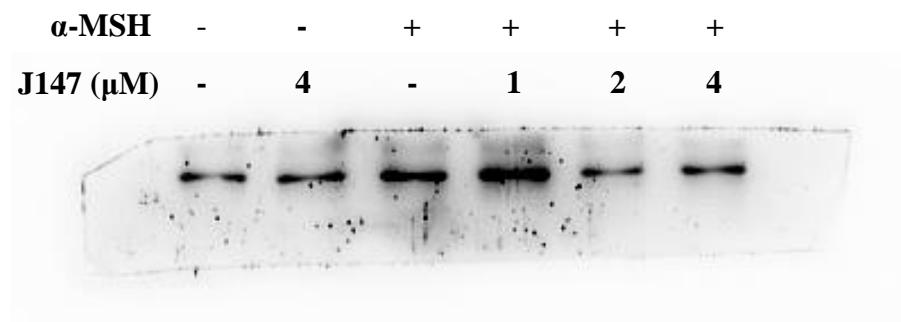
**Figure 5C**  $\beta$ -actin



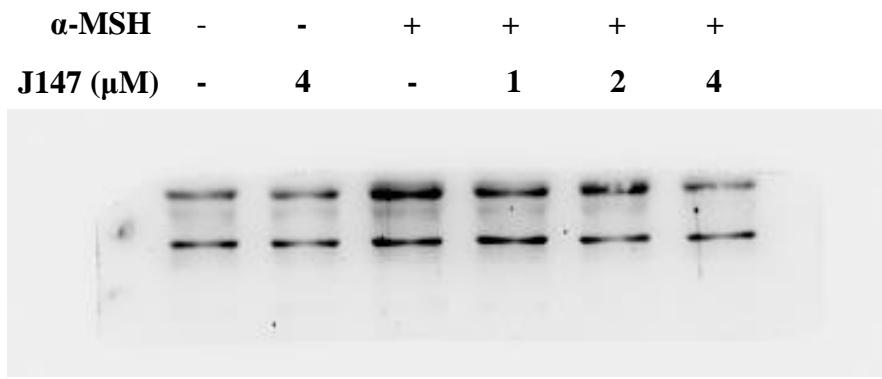
**Figure 6B Myosin Va**



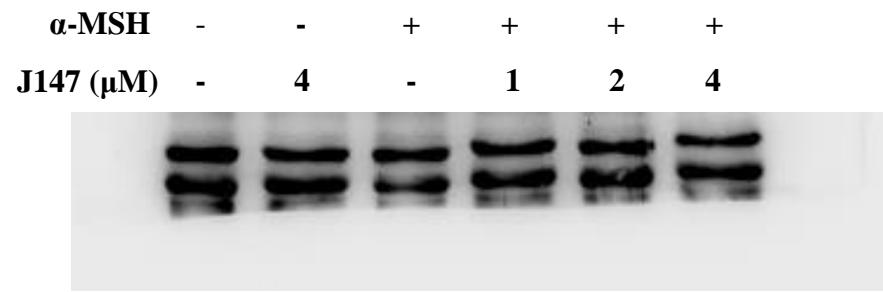
**Figure 6B Tyrosinase**



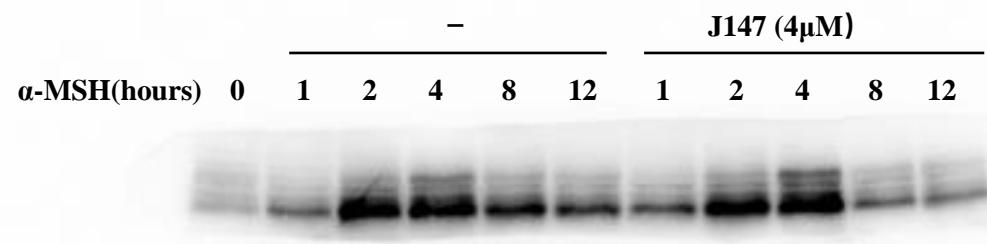
**Figure 6B Rab27a**



**Figure 6B Cdc42**



**Figure 6B  $\beta$ -actin**



**Figure 6C MITF**

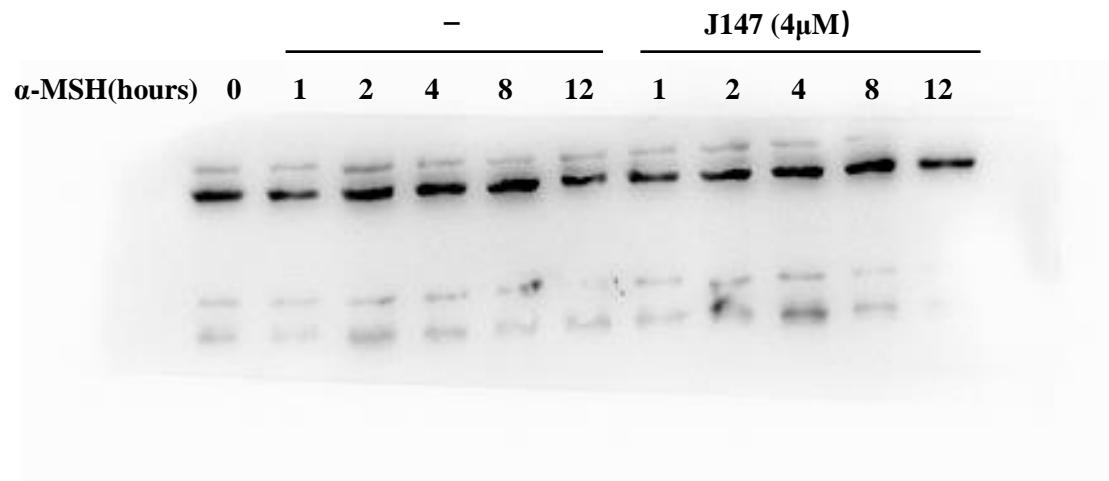
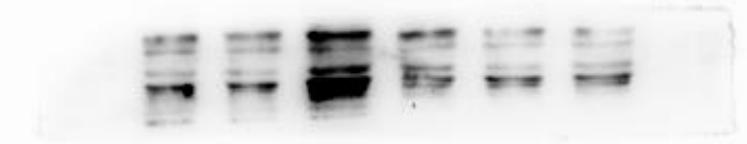
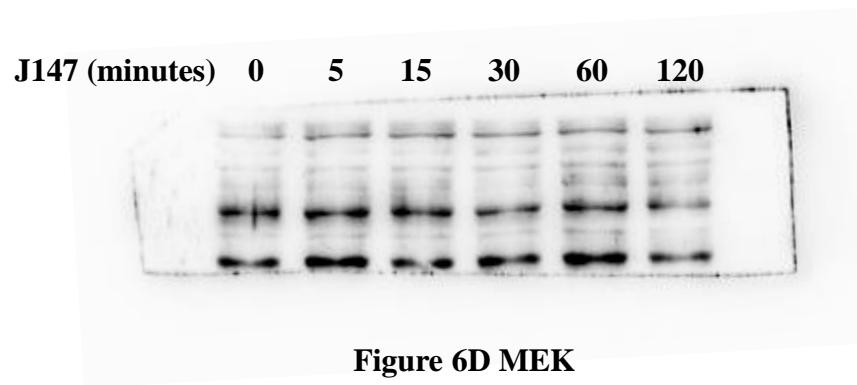


Figure 6C  $\beta$ -actin

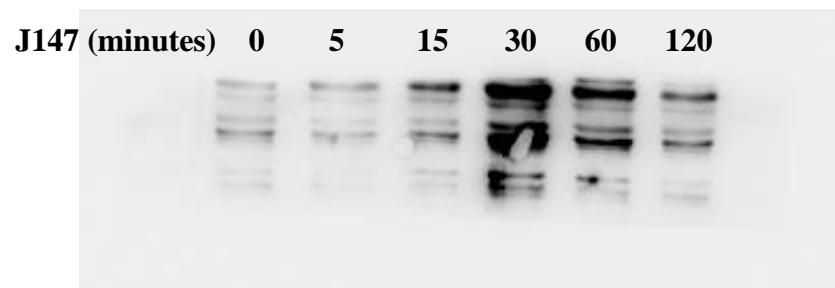
**J147 (minutes)** 0 5 15 30 60 120



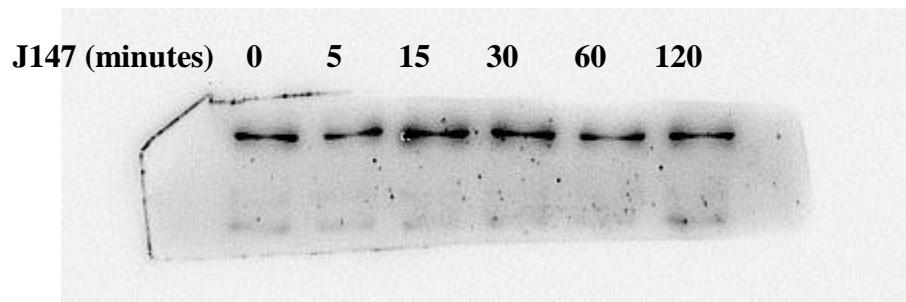
**Figure 6D p-MEK**



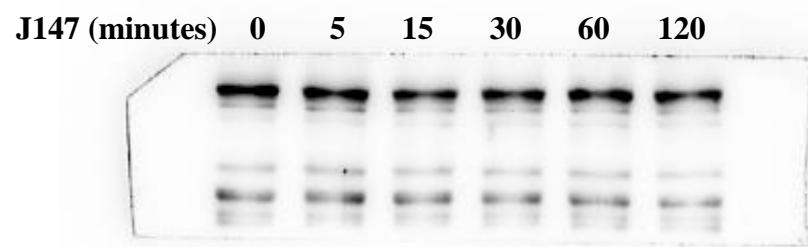
**Figure 6D MEK**



**Figure 6D p-ERK**



**Figure 6D ERK**



**Figure 6D**  $\beta$ -actin